

FIG. 1

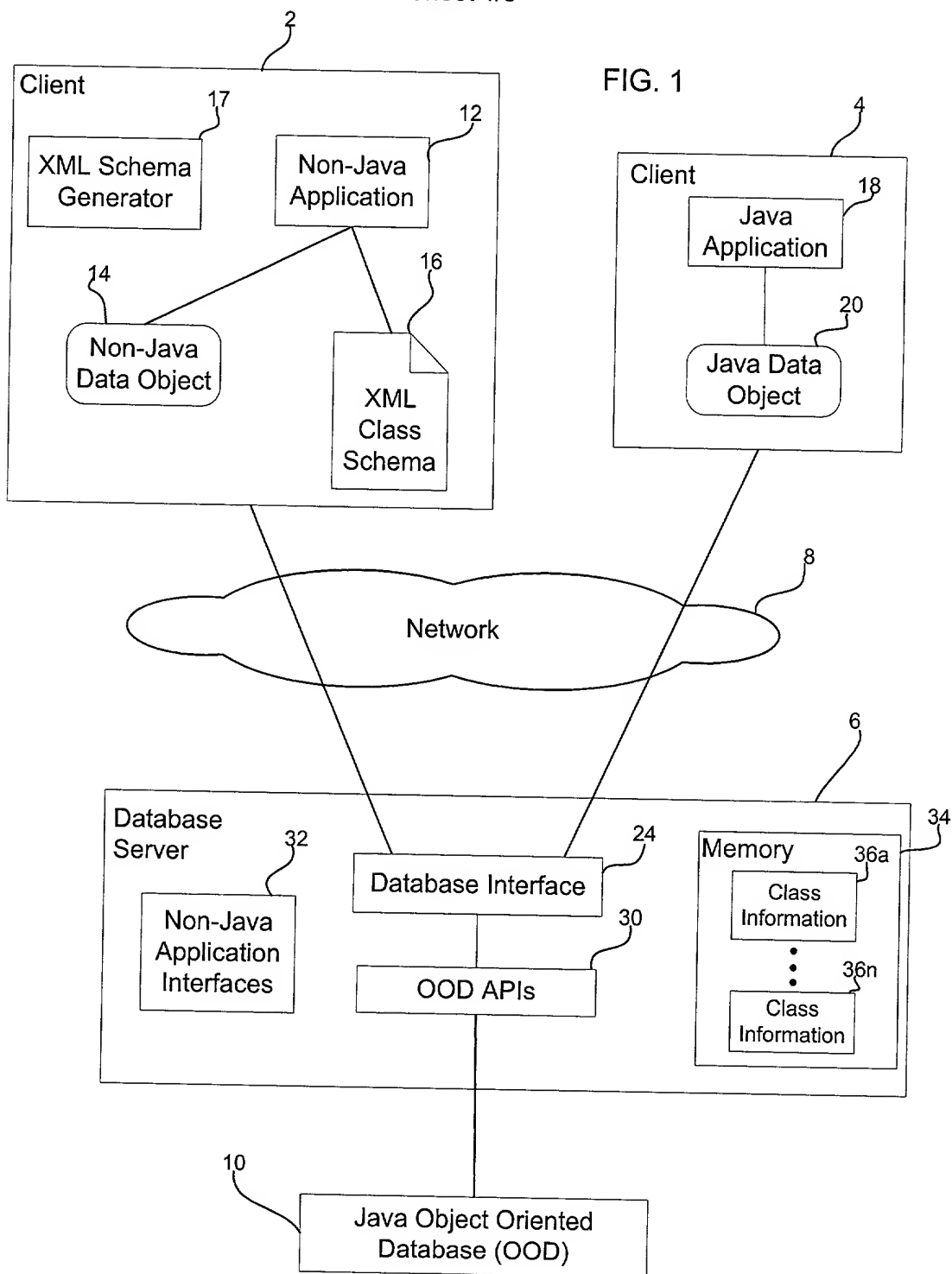


FIG. 2

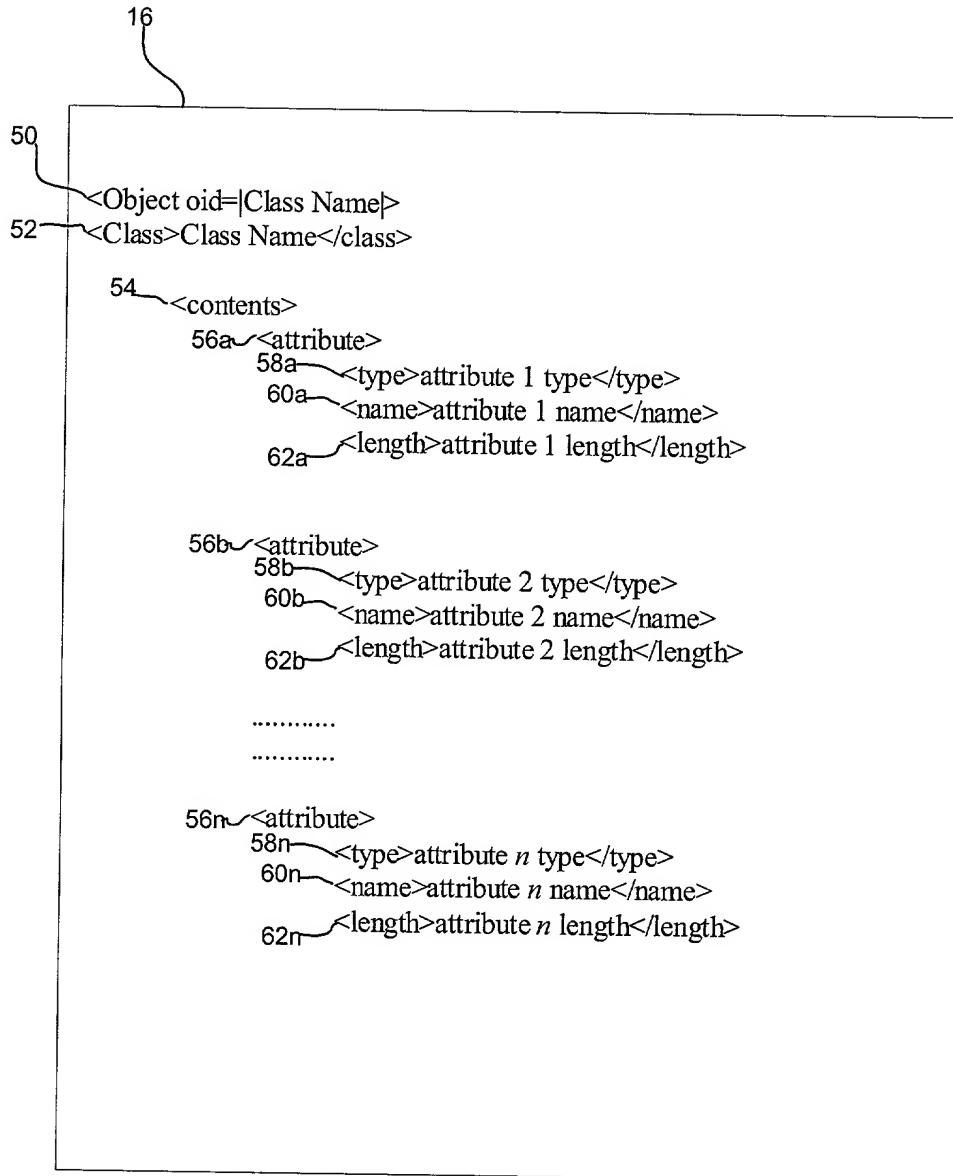


FIG. 2

70

```
Struct Person {  
  
    Char [] NAME = "Sally";  
  
    short AGE = "11";  
  
}
```

FIG. 3a  
PRIOR ART

FIG. 3b

80

```
<Object oid=|person|>  
<Class>person</class>  
  
    <contents>  
        82 ~~~~~<attribute>  
            <type>char</type>  
            <name>name</name>  
            <length>256</length>  
  
        84 ~~~~~<attribute>  
            <type>short</type>  
            <name>age</name>  
            <length>0</length>
```

FIG. 4

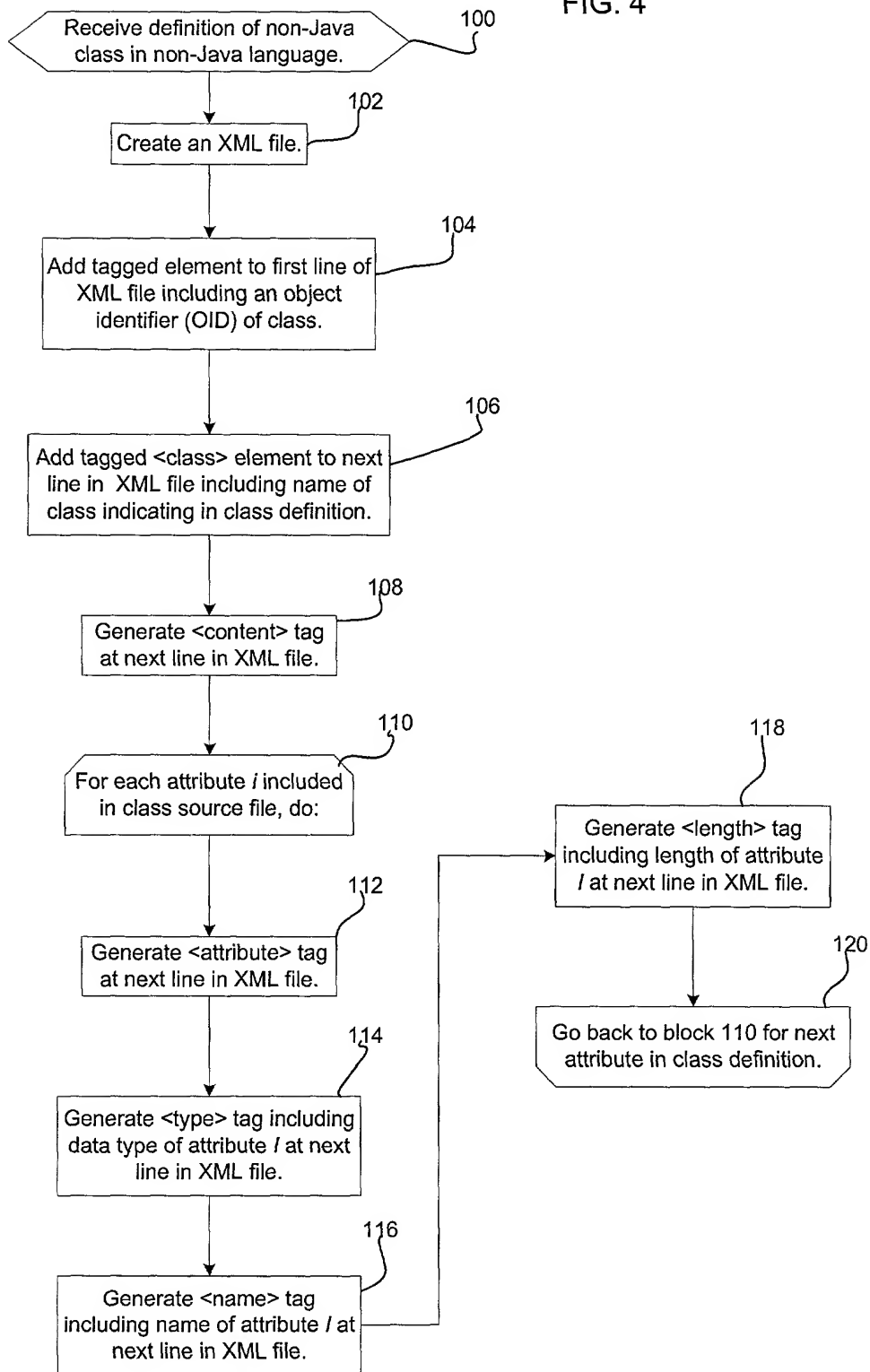


FIG. 5

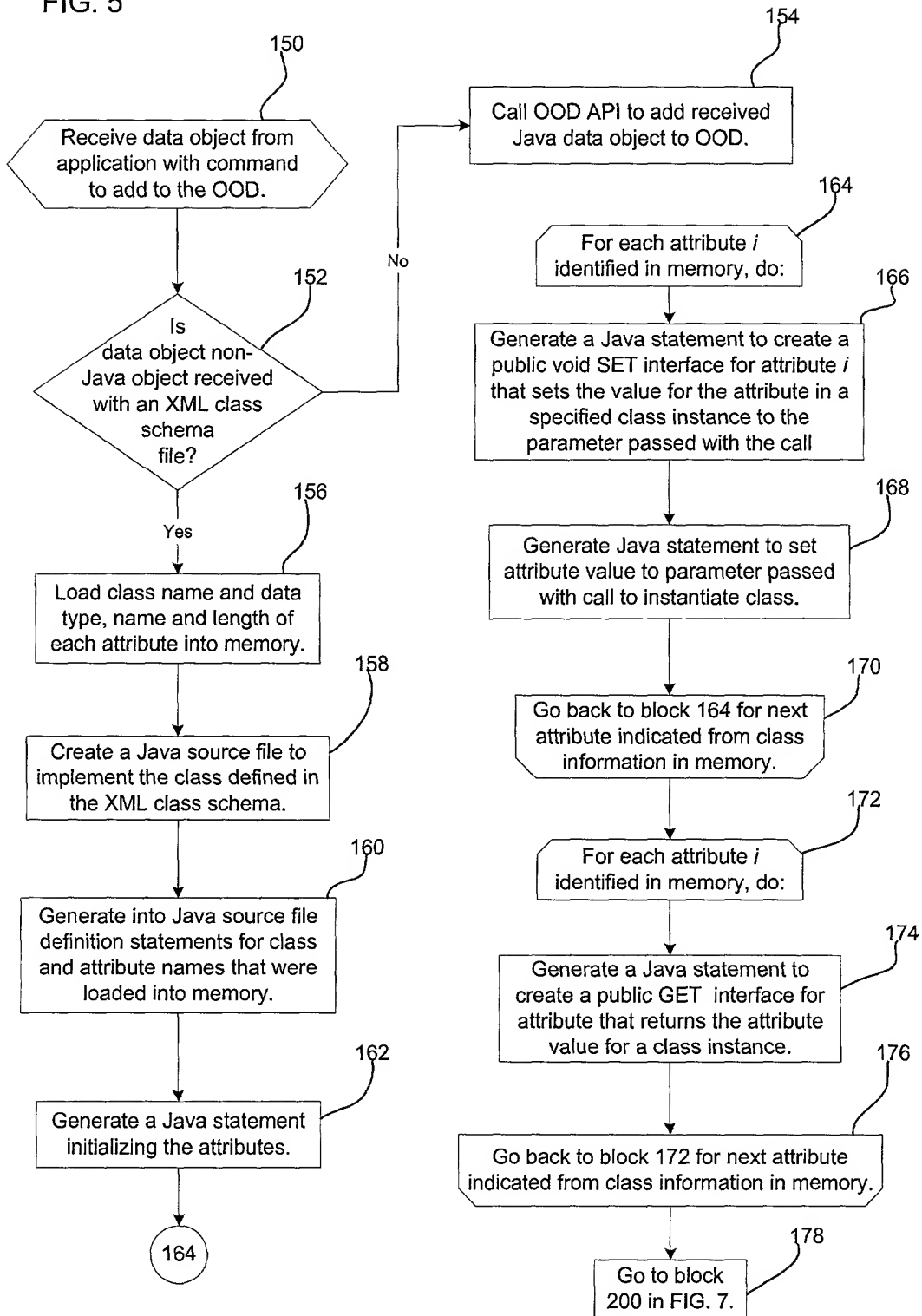


FIG. 6

180

```
public class Person {  
    public char name[];  
    public short age;  
    public Person () {  
        name = new char[256];  
        age = 0;  
    }  
    public void setname(char[] a) {  
        system.arraycopy(a,0,name0,a.length);  
    }  
    public void setage(short a) {  
        age = a;  
    }  
    public char[] getname() {  
        return name;  
    }  
    public short getage() {  
        return age;  
    }  
}
```

182

184

186a

188a

186b

188b

190a

190b

FIG. 7

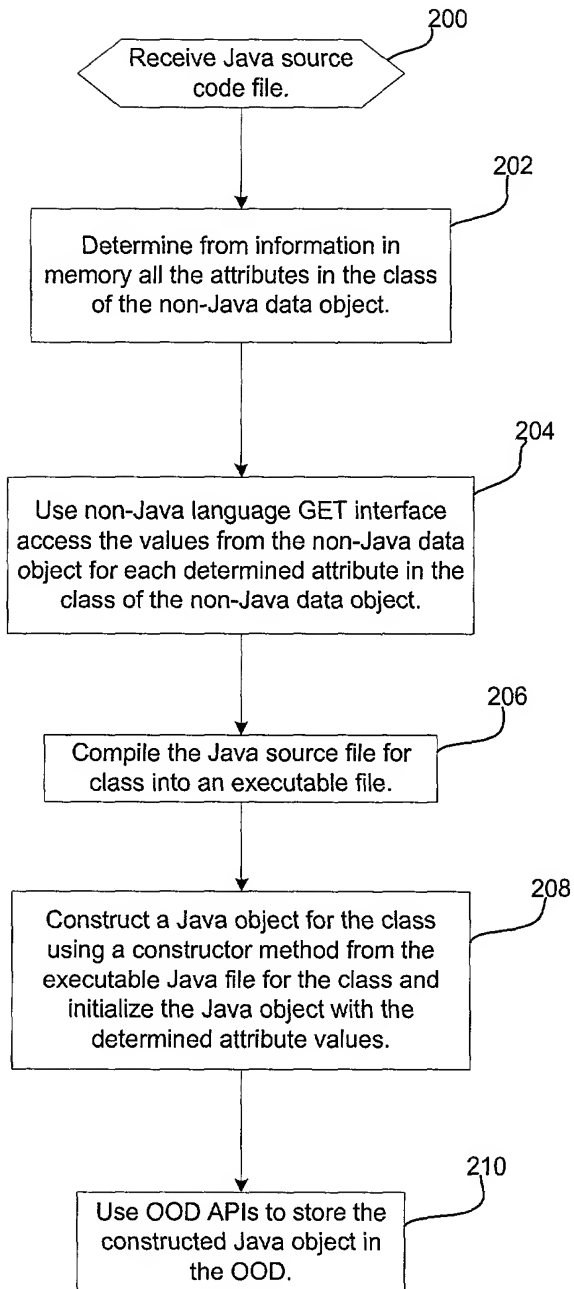


FIG. 8

